



## 18 AWG ACIC 600V CSA FT4

Pairs	Part No.	Number of Pairs	Insulation Thickness		Inner Jacket O.D.		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	6XAAOS18-1PR	1	0.030	0.76	0.260	6.60	0.500	12.70	0.580	14.73	261	389	41	19	8.1	206
	6XAAISOS18-2PR	2	0.030	0.76	0.450	11.43	0.690	17.53	0.790	20.07	282	420	83	37	11.1	281
	6XAAISOS18-4PR	4	0.030	0.76	0.522	13.26	0.762	19.30	0.862	21.84	445	662	165	75	12.1	307
	6XAAISOS18-8PR	8	0.030	0.76	0.703	17.86	0.943	23.88	1.043	26.42	555	826	330	150	14.6	371
	6XAAISOS18-12PR	12	0.030	0.76	0.837	21.26	1.077	27.43	1.177	29.97	885	1317	495	225	16.5	419

Triads	Part No.	Number of Triads	Insulation Thickness		Inner Jacket O.D.		Armour O.D.		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius	
			in	mm	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm
	6XAAOS18-1TR	1	0.030	0.76	0.282	7.16	0.522	13.21	0.622	15.75	254	378	62	28	8.7	221
	6XAAISOS18-2TR	2	0.030	0.76	0.450	11.43	0.690	17.53	0.823	20.90	390	581	124	56	11.5	293

Dimensions and weights are nominal and subject to change without notice.

### Specifications and Compliances

- CSA C22.2 No. 239, Control and instrumentation cables (Type ACIC)
- CSA C22.2 No. 174, Cables and cable glands for use in hazardous locations
- CSA C22.2 No. 2556 FT4 Vertical-Tray Flame Test
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, SUN RES and Low Acid Gas, AG14

**Conductor** Stranded Tinned Soft Copper, ASTM B8, B33

**Insulation** Cross-linked Polyethylene Insulation (XLPE)  
CSA Type XL 90°C dry/wet 600V

**Option:** Polyvinyl Chloride (PVC) insulation

### Shielding

Individual and Overall Shield with Tinned Copper Drain Wires

### Armour Jacket

Aluminum or Galvanized Steel Interlock Armour  
Low Acid Gas Polyvinyl Chloride Inner and Outer Jackets (PVC)

### Colour Code

Black, White, Red, Blue and Green or Black and White with printed number

### Applications

- For wet and dry locations.
- To be used for exposed and concealed wiring or where subjected to the weather.
- Use in ventilated, non-ventilated and ladder-type cable trays or directly buried.
- Approved for all hazardous locations as per CEC Part I 2018 Section 18, when installed with approved connectors.